

ABSTRACT OF THE DISCLOSURE

A multi-format digital video production system is capable of maintaining full-bandwidth resolution of subject material while providing professional quality editing and manipulation of images intended for digital television and other applications, including digital HDTV programs and specialized video monitoring applications. This allows
5 emerging broadband video transmission media, including Internet broadcast schemes, to overcome existing technology limitations. The approach facilitates high-quality/large-screen video production and monitoring through the use of conventional broadband channels, including those which currently only exhibit bandwidths on the order of 4 Mbps. In formats utilizing substantially 24 fps progressive scan multi-format system,
10 direct streaming is made possible from HDTV (16:9) high-quality data, thereby expanding market applications which require these higher levels of resolution, bits per pixel, and so forth.